



United Kingdom Civil Aviation Authority

Airworthiness Notice No. 64

Minimum Space for Seated Passengers

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Seattle ACO, ANM-150S

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- Mandatory compliance for all UK registered transport aircraft over 5700 kg MTWA and configured to carry 20 or more passengers
- Requirements developed solely to support successful evacuation of an aircraft in the event of an emergency

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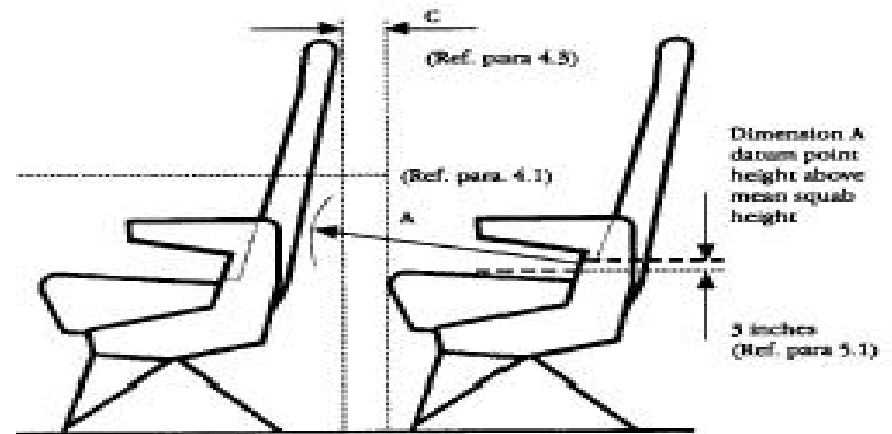


- General overview of requirements
- Clarification guidelines
 - Based on request of UKCAA and other applicants

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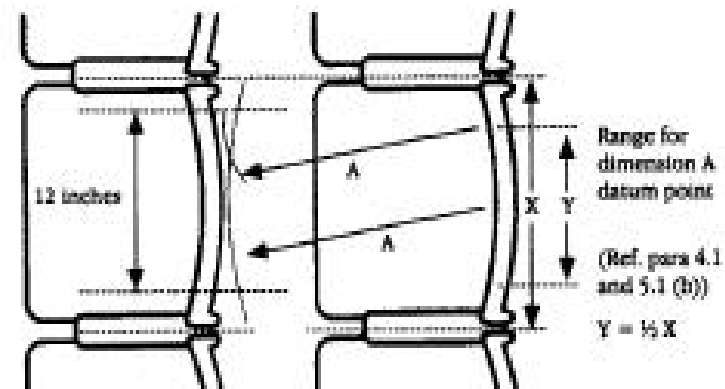
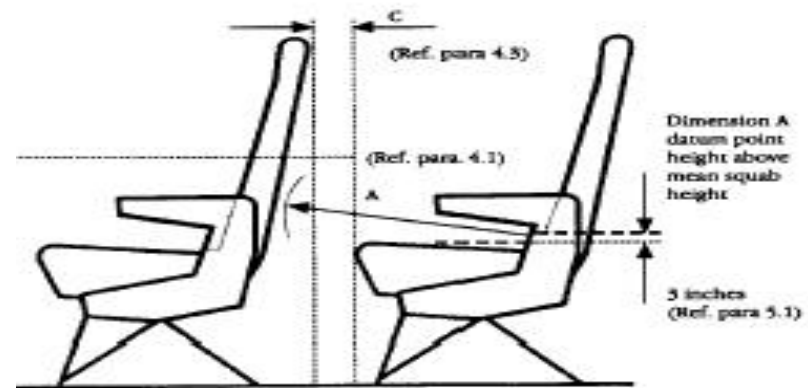
- The minimum distance between the back support cushion of a seat and the back of the seat or other fixed structure in front, shall be 26 inches.
(Dimension A)



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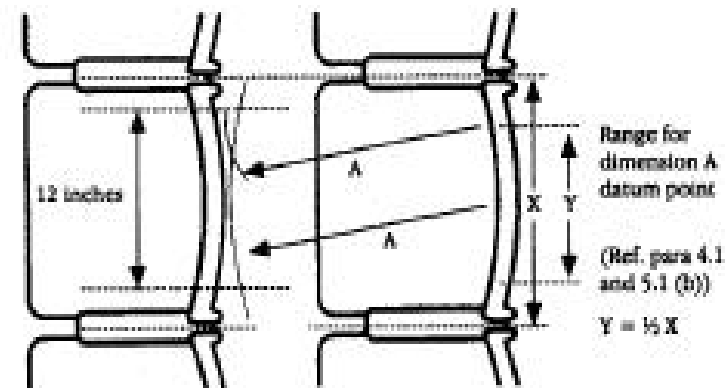
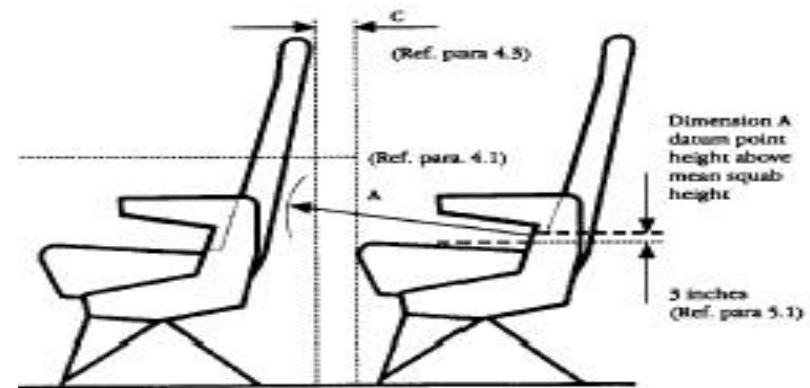
- Dimension A measurements shall be taken from the center of the seat back at a height of 3 inches above the mean uncompressed seat bottom cushion height to the seat or other fixed structure in front made in both vertical and horizontal arcs up to a limiting height of 25 inches above the carpeted floor level, over the full seat place width 'X'.



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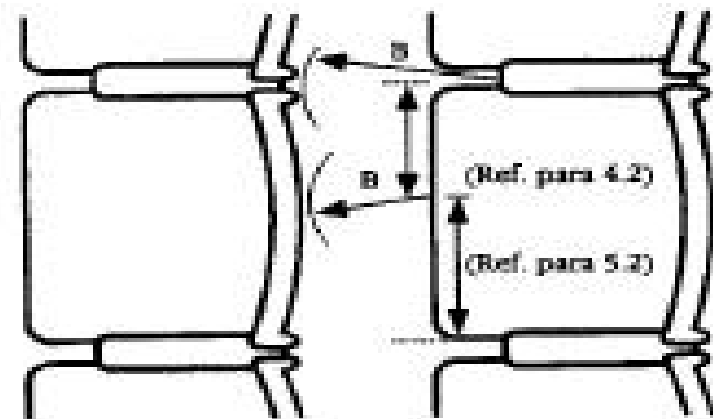
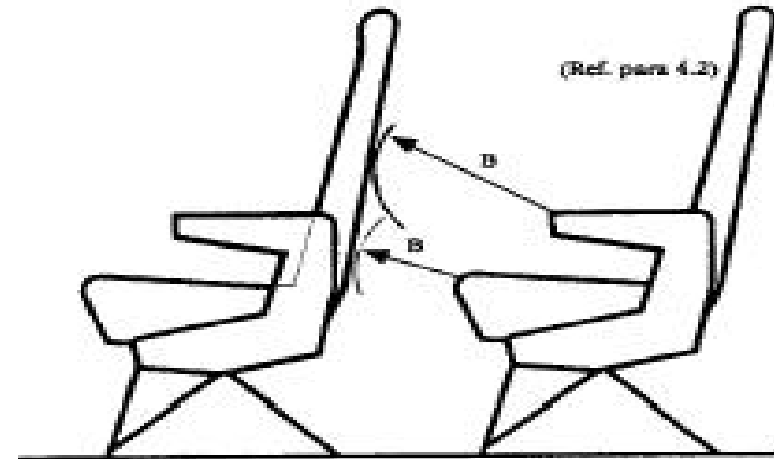
- Dimension A measurements shall be taken from any point on the seat back within the center one half 'Y' of the seat place width at a height of 3 inches above the mean uncompressed seat bottom cushion height to the seat or other fixed structure within the central 12 inch region in front made in vertical and horizontal arcs up to a limiting height of 25 inches above the carpeted floor level.



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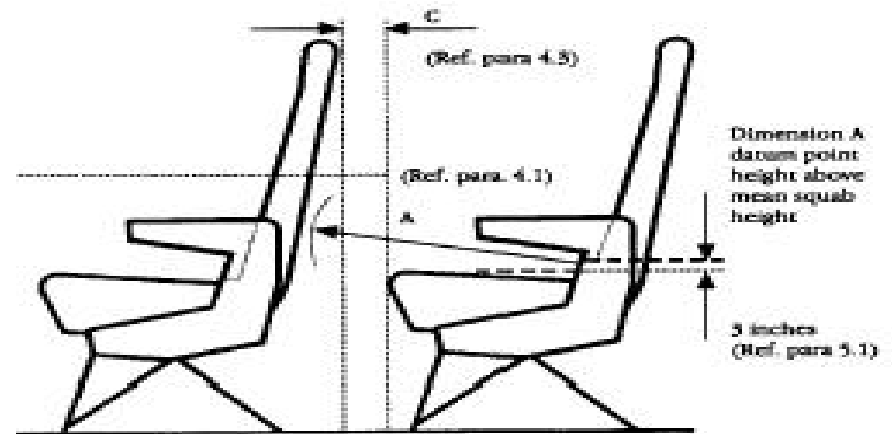
- The minimum distance between a seat and the seat or other fixed structure in front, shall be 7 inches.
(Dimension B)
- Measurements shall be made from the forward edges of the seat bottom cushion and the seat arm rests in both horizontal and vertical unlimited arcs.



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- The minimum vertically projected distance between seat rows or between a seat and any fixed structure forward of the seat, shall be 3 inches. (Dimension C)



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- Clarifications:
 - Measurements shall be made with seats in normal upright position.
 - In terms of deformable soft furnishings, it is acceptable to compress fabric as long as no seat foam or structure is compressed during the assessment.

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- Clarifications, continued:
 - Tray tables shall be placed in stowed position during measurements.
 - Seat spacing shall be assessed with normal literature pocket contents installed. Normal is defined as operator intended contents. (i.e. safety card, air sick bag, and operator provided in-flight reading material)

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- Additional information regarding the development of these requirements can be found at:

www.caa.co.uk/srg/default.asp